

Table 7: Percent resistance for diagnostic *Salmonella* isolates*

Antimicrobial	SPECIES				
	Cattle n=294	Swine n=290	Chicken** n=117	Turkey** n=276	Horse n=97
Amikacin	0	0	0	0	0
Amoxicillin/Clavulanic Acid	18.7	7.6	9.4	16.7	32.0
Ampicillin	37.1	37.2	13.7	29.3	38.1
Apramycin**	3.1	2.4	2.6	2.2	0
Cefoxitin	19.0	6.2	7.7	13.0	30.9
Ceftiofur**	18.7	5.5	7.7	13.0	30.9
Ceftriaxone	0.3	0	0	1.4	0
Cephalothin	20.4	6.6	10.3	21.4	34.0
Chloramphenicol	30.3	20.7	4.3	10.1	34.0
Ciprofloxacin	0	0	0	0	0
Gentamicin	9.5	5.5	5.1	41.7	16.5
Imipenem	0	0	0	0	0
Kanamycin	24.8	15.5	6.8	46.4	27.8
Nalidixic Acid	2.0	1.7	3.4	14.1	3.1
Streptomycin**	46.9	51.7	19.7	56.2	37.1
Sulfamethoxazole	45.6	51.4	12.8	44.6	38.1
Tetracycline	52.0	65.9	26.5	65.6	41.2
Trimethoprim/ Sulfamethoxazole	8.5	4.1	3.4	2.2	35.1

*diagnostic isolates in Table 7 were all obtained from the National Veterinary Services Laboratories, Ames, IA; a majority of the isolates were obtained from a primary or secondary infection **although the chicken and turkey isolates were collected from the National Veterinary Service Laboratories some may be monitor samples.

**Breakpoints based on those used for human isolate testing

Table 7 (cont.): Percent resistance for diagnostic isolates

Antimicrobial	SPECIES	
	Exotic n=73	Dog n=64
Amikacin	0	0
Amoxicillin/Clavulanic Acid	5.5	29.7
Ampicillin	12.3	35.9
Apramycin**	0	1.6
Cefoxitin	2.7	29.7
Ceftiofur**	1.4	29.7
Ceftriaxone	0	0
Cephalothin	4.1	29.7
Chloramphenicol	9.6	29.7
Ciprofloxacin	0	0
Gentamicin	1.4	9.4
Imipenem	0	0
Kanamycin	8.2	10.9
Nalidixic Acid	4.1	1.6
Streptomycin**	11.0	39.1
Sulfamethoxazole	12.3	40.6
Tetracycline	13.7	45.3
Trimethoprim/ Sulfamethoxazole	4.1	1.6

**Breakpoints based on those used for human isolate testing